

Converting Colors

XYZ(53.7861, 61.9888, 23.5982)

Have a look what the booklet for XYZ(53.7861, 61.9888, 23.5982) contains.

- XYZ(53.7861, 61.9888, 23.5982) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(53.7861, 61.9888,
23.5982)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D36D
RGB	214, 211, 109
RGB Percent	84%, 83%, 43%
CMY	0.1608, 0.1725, 0.5725
CMYK	0.00, 0.01, 0.49, 0.16
HSL	58°, 56%, 63%
HSV	58°, 49%, 84%
XYZ	53.7861, 61.9888, 23.5982
YIQ	200.2690, 34.5300, -31.0860

Conversions

Conversions Part 2

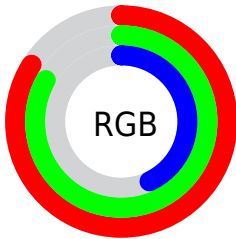
Format	Color
R _Y B	112, 214, 109
Decimal	14078829
CIE Lab	82.91, -12.76, 50.40
CIE LCh	83, 51.985, 104.205
Yxy	61.9888, 0.3859, 0.4448
Android (android.graphics.Color)	4292268909 (0xFFD6D36D)
YUV	200.2690, -44.9956, 12.0421
Hunter-Lab	78.7330, -15.8412, 37.3424

Details

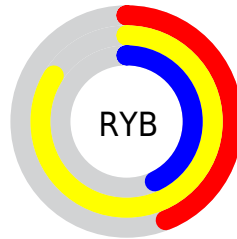
The XYZ color **53.7861, 61.9888, 23.5982** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.2384, 19.6940, 66.1418**, and the grayscale version is **55.3208, 58.2018, 63.3817**.

A 20% lighter version of the original color is **83.6109, 95.4243, 48.6623**, and **26.7001, 31.5774, 8.5587** is the 20% darker color. If you saturate the color by 10%, you get **52.6208, 61.2829, 18.2019**, and if you desaturate by 10%, it is **55.2354, 62.8138, 30.4742**.

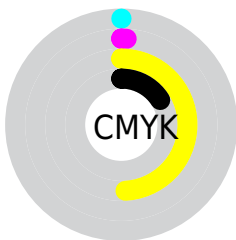
Distribution



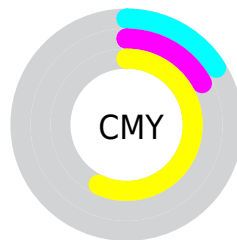
- Red (84%)
- Green (83%)
- Blue (43%)



- Red (44%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (1%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (17%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7861, 61.9888, 23.5982 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.7861, 61.9888, 23.5982 by changing the saturation by 10% instead.


 53.7861, 61.9888,
23.5982


 53.7861, 61.9888,
23.5982


391.5055,
431.8902, 284.0036

 38.6607, 45.0236,
14.8264


 94.9188, 107.7093,
50.3093


 26.6754, 31.4761,
8.5524


 121.6569,
137.2335, 69.0857

 17.4649, 20.9616,
4.3576


 152.9965,
171.7128, 92.0340

 10.6639, 13.0959,
1.8235

 189.3030,
211.5317, 119.5728

 5.9069, 7.4947,
0.4434

230.9418,
257.0745, 152.1206

 2.8287, 3.7733,
0.0000

278.2782,

 1.0638, 1.5476,

308.7255, 190.0960

0.0000

331.6777,
366.8693, 233.9175

0.0000, 0.3219,
0.0000

0.0000, 0.0000,
0.0000

53.7861, 61.9888,
23.5982

53.7861, 61.9888,
23.5982

52.6208, 61.2829,
18.2019

55.2354, 62.8138,
30.4742

51.7144, 60.6791,
14.1723


56.9828, 63.7567,
38.9241


51.0448, 60.1710,
11.3866


59.0470, 64.8272,
49.0389


50.5840, 59.7473,
9.6983


61.4436, 66.0317,
60.9015


 50.2873, 59.3902,
8.8706


 64.1873, 67.3759,
74.5893

 50.2624, 59.3580,
8.8081

 67.2921, 68.8654,
90.1752

 70.1525, 70.2582,
104.4715

 70.3084, 70.5700,
104.5235

 70.4649, 70.8831,
104.5756

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9818, 61.9888, 23.8188



53.7861, 61.9888, 23.5982



45.1325, 61.9888, 32.2122

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.7861, 61.9888, 23.5982



44.7795, 61.9888, 120.3283



82.1863, 61.9888, 85.7291

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.7861, 61.9888, 23.5982



24.2384, 19.6940, 66.1418

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2598, 61.9888, 122.1169



53.7861, 61.9888, 23.5982



53.2446, 61.9888, 146.0170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.7861, 61.9888, 23.5982



40.3971, 61.9888, 83.8042



64.3674, 61.9888, 146.7594



82.3796, 61.9888, 53.4526

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7861, 61.9888, 23.5982



41.5656, 61.9888, 44.0408



64.3674, 61.9888, 146.7594



80.5324, 61.9888, 98.0756

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.7876, 61.9917, 23.5995



89.1449, 97.0829, 79.5157



36.1531, 26.4150, 18.6695



18.9232, 20.7001, 16.2418



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7876, 61.9917, 23.5995



78.1734, 91.0841, 26.7045



42.3242, 57.1965, 23.2781



13.4411, 14.4563, 13.2426



30.3942, 35.9057, 5.3286



1.8430, 2.1852, 0.3247

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.2384, 19.6940, 66.1418



29.2745, 21.0992, 97.1374



31.7073, 23.0621, 66.3983



11.7707, 12.0648, 15.6459



7.3893, 3.0403, 38.6505



0.4559, 0.2038, 2.3346

Previews

White Background



This preview shows how the XYZ color 53.7861, 61.9888, 23.5982 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.7861, 61.9888, 23.5982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7861, 61.9888, 23.5982

Background



This preview shows how black text looks on a background with the XYZ color 53.7861, 61.9888, 23.5982.



This preview shows how white text looks on a background with the XYZ color 53.7861, 61.9888,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.7861, 61.9888, 23.5982

Protanopia

56.9616, 62.1812, 22.9099

Deuteranopia

63.0918, 61.8202, 24.2300



Tritanopia

63.7405, 61.7607, 72.8515

Trichromacy



Original Color

53.7861, 61.9888, 23.5982

Protanomaly

55.6941, 61.8824, 23.1965

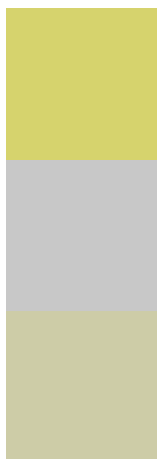
Deuteranomaly

59.3051, 61.5881, 24.0912

Tritanomaly

59.0112, 61.2186, 49.7804

Monochromacy



Original Color

53.7861, 61.9888, 23.5982

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7448, 58.9549, 45.1060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7861, 61.9888, 23.5982 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 211, 109)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 211, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 109) }
```

Border

The CSS property to change the border of an element to XYZ 53.7861, 61.9888, 23.5982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 211, 109) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 211, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 211, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 109);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7861, 61.9888, 23.5982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
211, 109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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